

Practical-2

Create app for different Intent:-

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/explicit"
        android:textColor="#37474F"
        app:backgroundTint="#8BC34A"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.501"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.316" />

    <Button
        android:id="@+id/button2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/inplicit"
        android:textColor="#455A64"
        app:backgroundTint="#CDDC39"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/button" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

string.xml

```
<resources>
    <string name="app_name">Pract2</string>
    <string name="explicit">Explicit</string>
```

```
<string name="implicit">Implicit</string>
<string name="textview">Welcome to Second Activity</string>
</resources>
```

MainActivity.java

```
package com.example.pract2;

import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.widget.Button;
import androidx.appcompat.app.AppCompatActivity;
public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Button b1 = findViewById(R.id.button);
        Button b2 = findViewById(R.id.button2);
        b1.setOnClickListener(v -> {
            Intent i=new Intent(MainActivity.this,SecontActivity.class);
            startActivity(i);
        });
        b2.setOnClickListener(v -> {
            Intent go=new Intent(Intent.ACTION_VIEW);
            go.setData(Uri.parse("https://vvpedulink.ac.in"));
            startActivity(go);
        });
    }
}
```

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.pract2">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
```

```
        android:theme="@style/Theme.Pract2">
        <activity
            android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity android:name=".SecontActivity">

    </activity>
</application>

</manifest>
```

SecontActivity.java

```
package com.example.pract2;

import android.graphics.Color;
import android.os.Bundle;
import android.widget.TextView;
import android.widget.Toast;
import androidx.appcompat.app.AppCompatActivity;
//import android.widget.Toast;
public class SecontActivity extends AppCompatActivity{

    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.second_layout);
        TextView data = findViewById(R.id.textView);
        data.setTextColor(Color.RED);
        Toast.makeText(getApplicationContext(),"Welcome to Second
Activity",Toast.LENGTH_LONG).show();
    }
}
```

second_layout.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
```

```
android:layout_width="match_parent"  
android:layout_height="match_parent">
```

```
<TextView  
    android:id="@+id/textView"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:text="@string/textview"  
    android:textSize="20sp"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent" />  
</androidx.constraintlayout.widget.ConstraintLayout>
```

Output:-

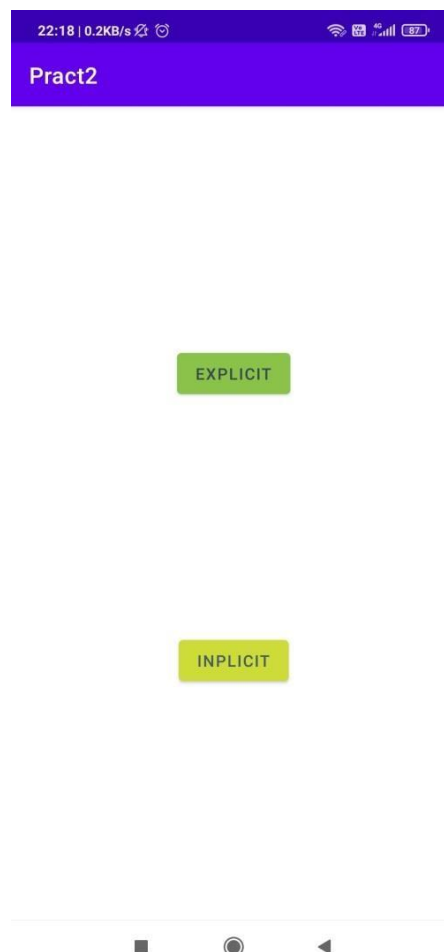


Figure 1: Home Page

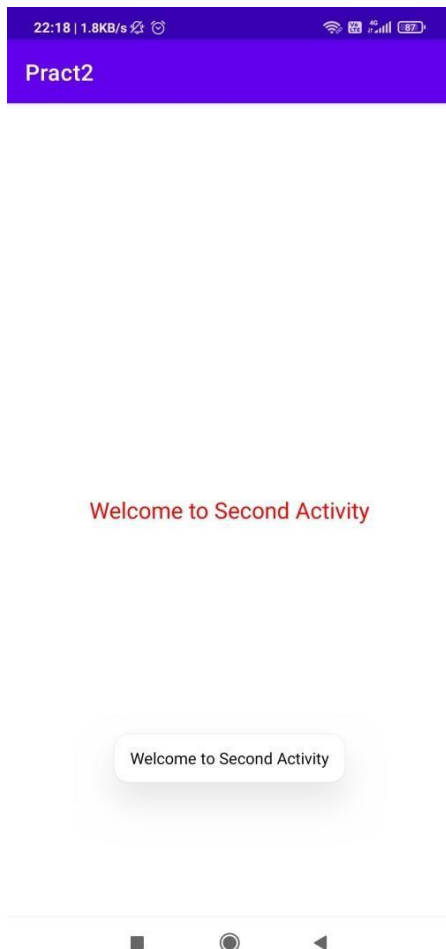


Figure 2: On Clicking Explicit

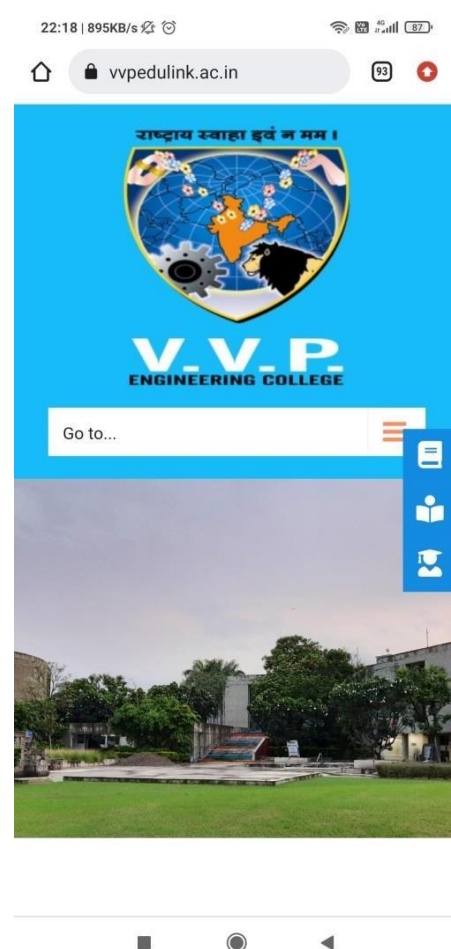


Figure 3: On Clicking Implicit